

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aa: Lohmiller-----	85	Very limited Flooding Low strength Shrink-swell	1.00 1.00 1.00	Somewhat limited Flooding Cutbanks cave Too clayey	0.80 0.10 0.03	Very limited Flooding	1.00
AsB: Anselmo-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
AsC: Anselmo-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
AyE: Anselmo-----	50	Somewhat limited Slope Frost action	0.96 0.50	Very limited Cutbanks cave Slope	1.00 0.96	Somewhat limited Slope	0.96
Valentine-----	35	Somewhat limited Slope	0.84	Very limited Cutbanks cave Slope	1.00 0.84	Somewhat limited Slope Droughty	0.84 0.34
Ba: Badland-----	35	Not rated		Not rated		Not rated	
Denby-----	25	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Very limited Too clayey Sodium content	1.00 1.00
Interior-----	20	Very limited Flooding Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding Sodium content	1.00 1.00
Bk: Bankard-----	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.67

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Br: Badland-----	80	Not rated		Not rated		Not rated	
Bu: Buffington-----	85	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
CaF: Canyon-----	50	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	1.00
Oglala-----	25	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Cc: Canyon-----	45	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	1.00
Rock Outcrop, Sandstone-----	25	Not rated		Not rated		Not rated	
Cy: Denby-----	80	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Very limited Too clayey Sodium content	1.00 1.00
DvB: Dunday-----	50	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.17

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Valentine-----	40	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.34
Ef: Elsmere-----	60	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.03
		Depth to saturated zone	0.03	Depth to saturated zone	1.00	Droughty	0.01
Loup-----	25	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	0.50	Cutbanks cave	0.10		
EhF: Epping-----	50	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	1.00
Kadoka-----	30	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
				Cutbanks cave	0.10		
Eke: Epping-----	50	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Slope	0.63	Slope	0.63	Droughty	1.00
				Cutbanks cave	0.10	Slope	0.63
Kadoka-----	40	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
				Cutbanks cave	0.10		

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Er: Epping-----	50	Very limited Slope  Depth to soft bedrock	1.00  1.00	Very limited Depth to soft bedrock Slope  Cutbanks cave	1.00  1.00  0.10	Very limited Depth to bedrock  Slope  Droughty	1.00  1.00  1.00
Rock Outcrop, Sandstone-----	25	Not rated		Not rated		Not rated	
GoA: Mobridge-----	90	Very limited Low strength  Shrink-swell Frost action	1.00  0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47  0.10	Not limited	
Gr: Nihill-----	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Gravel content Droughty Content of large stones	1.00 0.33 0.06 0.01
HhA: Haverson-----	90	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
HlA: Haverson-----	94	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Cutbanks cave Flooding	1.00 0.60	Somewhat limited Flooding	0.60
HoA: Haverson-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Cutbanks cave Flooding	1.00 0.60	Somewhat limited Flooding	0.60

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hs: Hisle-----	80	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Too clayey Depth to soft bedrock Cutbanks cave	0.88 0.42 0.10	Very limited Sodium content Droughty Depth to bedrock	1.00 0.88 0.42
Ht: Hisle-----	50	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Too clayey Depth to soft bedrock Cutbanks cave	0.88 0.42 0.10	Very limited Sodium content Droughty Depth to bedrock	1.00 0.88 0.42
Swanboy-----	45	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Too clayey Cutbanks cave	1.00 1.00	Very limited Too clayey Droughty	1.00 0.07
Hv: Hoven-----	90	Very limited Depth to saturated zone Low strength Shrink-swell Ponding Frost action	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Ponding Too clayey	1.00 1.00 1.00 0.28	Very limited Depth to saturated zone Sodium content Ponding	1.00 1.00 1.00
KaA: Kadoka-----	90	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
KaB: Kadoka-----	90	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
KaC: Kadoka-----	85	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KbC: Kadoka-----	50	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
Epping-----	40	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock Droughty	1.00 1.00
KeA: Keith-----	90	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
KeB: Keith-----	85	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
KhD: Keith-----	50	Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.16	Somewhat limited Slope Cutbanks cave	0.16 0.10	Somewhat limited Slope	0.16
Colby-----	30	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
KhE: Keith-----	50	Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Colby-----	30	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KrA: Keith-----	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Rosebud-----	45	Very limited Low strength  Shrink-swell Frost action	1.00  0.50 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42  0.10	Somewhat limited Depth to bedrock	0.42
KuC: Keith-----	45	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Ulysses-----	40	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
KyA: Swanboy-----	95	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Too clayey Cutbanks cave	1.00 1.00	Very limited Too clayey Droughty	1.00 0.07
KyB: Swanboy-----	95	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Too clayey Cutbanks cave	1.00 1.00	Very limited Too clayey Droughty	1.00 0.07
KzA: Kyle-----	90	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Too clayey Cutbanks cave	1.00 1.00	Very limited Too clayey Droughty	1.00 0.01
Le: Lamo-----	45	Very limited Frost action  Flooding  Low strength Shrink-swell Depth to saturated zone	1.00  1.00  1.00 0.50 0.19	Very limited Depth to saturated zone Flooding  Cutbanks cave	1.00  0.80  0.10	Very limited Flooding  Depth to saturated zone	1.00  0.19

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Elsmere-----	40	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.03
		Depth to saturated zone	0.03	Depth to saturated zone	1.00	Droughty	0.01
Lm: Interior-----	80	Very limited Flooding	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Low strength	1.00	Cutbanks cave	0.10	Sodium content	1.00
		Shrink-swell	0.50				
Ls: Loup-----	75	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	0.50	Cutbanks cave	0.10		
McB: Manvel-----	85	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
Me: Minatare-----	80	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Frost action	0.50	Flooding	0.60	Flooding	0.60
		Depth to saturated zone	0.19	Cutbanks cave	0.10	Depth to saturated zone	0.19
MgD: Minnequa-----	80	Somewhat limited Low strength	0.78	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
				Cutbanks cave	0.10	Droughty	0.21
Mm: Mosher-----	60	Very limited Shrink-swell	1.00	Very limited Cutbanks cave	1.00	Very limited Sodium content	1.00
		Low strength	1.00	Depth to saturated zone	0.61		
		Frost action	0.50	Too clayey	0.28		
Minatare-----	25	Somewhat limited Frost action	0.50	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Depth to saturated zone	0.19	Cutbanks cave	0.10	Depth to saturated zone	0.19

SD-NRCS- JULY 2002



Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
OcE: Oglala-----	50	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Canyon-----	35	Somewhat limited Depth to soft bedrock Slope	1.00 0.63	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 0.63 0.10	Very limited Depth to bedrock Droughty Slope	1.00 1.00 0.63
OeC: Orella-----	80	Very limited Depth to soft bedrock Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to soft bedrock Too clayey Cutbanks cave	1.00 0.64 0.10	Very limited Depth to bedrock Droughty Too clayey Sodium content	1.00 1.00 1.00 1.00
Os: Orella-----	55	Very limited Depth to soft bedrock Low strength Shrink-swell Slope	1.00 1.00 1.00 0.37	Very limited Depth to soft bedrock Too clayey Slope Cutbanks cave	1.00 0.64 0.37 0.10	Very limited Depth to bedrock Droughty Too clayey Sodium content Slope	1.00 1.00 1.00 1.00 0.37
Rock Outcrop, Soft--	25	Not rated		Not rated		Not rated	
PcE: Enning-----	40	Very limited Depth to soft bedrock Low strength Slope	1.00 1.00 0.84	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 0.84 0.10	Very limited Depth to bedrock Carbonate content Droughty Slope	1.00 1.00 0.99 0.84
Minnequa-----	40	Somewhat limited Low strength	0.78	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.21

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pd: Enning-----	55	Very limited Slope  Depth to soft bedrock Low strength	1.00  1.00 1.00	Very limited Depth to soft bedrock Slope  Cutbanks cave	1.00  1.00 0.10	Very limited Depth to bedrock Slope  Carbonate content Droughty	1.00  1.00 1.00 0.99
Rock Outcrop, Soft--	25	Not rated		Not rated		Not rated	
PeC: Pierre-----	85	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Cutbanks cave Too clayey Depth to soft bedrock	1.00 0.88 0.42	Very limited Too clayey Droughty Depth to bedrock	1.00 0.44 0.42
PsE: Pierre-----	60	Very limited Shrink-swell Slope Low strength	1.00 1.00 1.00	Very limited Slope Cutbanks cave Too clayey Depth to soft bedrock	1.00 1.00 0.88 0.42	Very limited Too clayey Slope Droughty Depth to bedrock	1.00 1.00 0.44 0.42
Samsil-----	25	Very limited Depth to soft bedrock Slope	1.00  1.00	Very limited Depth to soft bedrock Slope Too clayey Cutbanks cave	1.00  1.00 0.97 0.10	Very limited Too clayey  Depth to bedrock Droughty Slope	1.00  1.00 1.00 1.00
RaA: Richfield-----	45	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Altvan-----	40	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Very limited Cutbanks cave	1.00	Not limited	

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaB: Richfield-----	45	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Altvan-----	40	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Very limited Cutbanks cave	1.00	Not limited	
RdA: Richfield-----	55	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Dawes-----	35	Very limited Low strength  Shrink-swell	1.00  1.00	Somewhat limited Depth to saturated zone Cutbanks cave Too clayey	0.47  0.10 0.03	Not limited	
ReB: Rosebud-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
Canyon-----	35	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock  Droughty	1.00  1.00
RkC: Rosebud-----	60	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
Keith-----	30	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ss: Samsil-----	60	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Too clayey	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
				Too clayey	0.97	Slope	1.00
				Cutbanks cave	0.10	Droughty	1.00
Rock Outcrop, Soft--	20	Not rated		Not rated		Not rated	
Sw: Swanboy-----	80	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Too clayey Cutbanks cave	1.00 1.00	Very limited Too clayey Droughty	1.00 0.07
TaF: Tassel-----	60	Very limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Slope	1.00
Anselmo-----	30	Somewhat limited Slope Frost action	0.96 0.50	Very limited Cutbanks cave Slope	1.00 0.96	Somewhat limited Slope	0.96
Te: Epping-----	50	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	1.00
Mitchell-----	30	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
TnA: Tuthill-----	45	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Anselmo-----	40	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
TnC: Tuthill-----	40	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Anselmo-----	40	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
TuA: Tuthill-----	45	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Manter-----	45	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
TuB: Tuthill-----	45	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Manter-----	40	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
TuC: Tuthill-----	45	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Manter-----	40	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
UcC: Ulysses-----	40	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Colby-----	30	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
VaC: Valentine-----	85	Somewhat limited Slope	0.37	Very limited Cutbanks cave Slope	1.00 0.37	Somewhat limited Slope Droughty	0.37 0.34
VaD: Valentine-----	90	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Droughty	1.00 0.34

SD-NRCS- JULY 2002

Section II  
Soil and Site Information

Building Site Development  
Shannon County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Vs: Valentine-----	90	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Too sandy Droughty	1.00 0.50 0.34
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
wa: Water (greater Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
Ww: Wortman-----	50	Somewhat limited Low strength	0.78	Somewhat limited Depth to soft bedrock	0.42	Very limited Sodium content	1.00
		Shrink-swell	0.50	Cutbanks cave Too clayey	0.10 0.03	Depth to bedrock	0.42
Wanblee-----	30	Very limited Low strength	1.00	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Shrink-swell	0.50	Cutbanks cave	0.10		